

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,690,754 B1  
APPLICATION NO. : 09/326785  
DATED : February 10, 2004  
INVENTOR(S) : Haratsch et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page item [56] In the References Cited, change the final "Other Publications" reference to read:  
--W. Lee and F. Hill, "A Maximum-Likelihood Sequence Estimator with Decision-Feedback Equalization", IEEE Transactions on Communications, vol. 25, Issue 9, 971-979 (Sep. 1977).--.

In the specification, column 2, line 60, "tentativnre" should be changed to read as:  
--tentative--.

In the specification, column 3, line 40 should be changed to read as:

--has a length, L, denoted by  $\{f_k\}_{k=0}^L$ , where  $f_k$  is the--.

In the specification, column 4, line 17 should be changed to read as:

--interference introduced by the tail channel taps  $\{f_k\}_{k=U+1}^L$ , --.

In the specification, column 4, line 19 should be changed to read as:

--interference introduced by only the initial channel taps  $\{f_k\}_{k=1}^U$  --.

In the specification, column 5, line 38 should be changed to read as:

--expressed as  $\rho_n = (\sigma_{n-K}; X_{n-K}^{m_K}, \dots, X_{n-1}^{m_1})$  where  $X_{n-i}^{m_i}$  --.

In the specification, column 5, lines 44-45 should be changed to read as:

--The reduced trellis has  $S' = S \times 2^{m_1 + \dots + m_K}$  states.--.

In the specification, column 5, line 62, before "previously" and after "the" replace "k" with --K--.

In the specification, column 6, line 18 should be changed to read as:

-- $b = 2^{m'}$  extensions, then the resulting bM paths are tested for--.

In claim 1, column 6, line 40, "L+ taps" should be changed to read as:

--L+1 taps--.

In claim 11, column 7, line 11, "L+ taps" should be changed to read as:

--L+1 taps--.

**CERTIFICATE OF CORRECTION (continued)**  
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In claim 20, column 8, line 10, "L+ taps" should be changed to read as:  
--L+1 taps--.

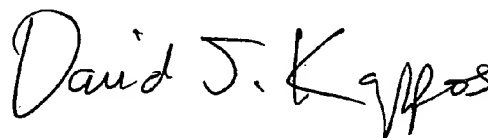
In claim 21, column 8, line 19, "L+ taps" should be changed to read as:  
--L+1 taps--.

In claim 22, column 8, line 27, "L+ taps" should be changed to read as:  
--L+1 taps--.

This certificate supersedes the Certificate of Correction issued March 30, 2010.

Signed and Sealed this

Twentieth Day of April, 2010

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style with a large, stylized 'D' and 'K'.

David J. Kappos  
*Director of the United States Patent and Trademark Office*